

## EAST Search History

| Ref # | Hits     | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|----------|--|---|------------------|---------|------------------|
| L4    | 2        | ("20050033126").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/24 11:04 |
| S2    | 131      | (receiv\$2 adj2 signal adj2 strength) with ((carrier adj2 interference) or (signal adj2 interfernce))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/13 11:42 |
| S3    | 24938284 | @rlad < "20031009" or @ad < "20031009"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/12 18:20 |
| S4    | 114      | S3 and S2  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/12 18:22 |
| S5    | 375      | (receiv\$2 adj2 signal adj2 strength) with ((carrier adj2 interference) or (signal adj2 interference)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/13 11:53 |
| S6    | 8202057  | analyz\$3 or calculat\$3 or averag\$3 or sum\$4 or determin\$3 or display\$3                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/13 11:45 |
| S7    | 211      | S5 same S6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/07/13 11:46 |
| S8    | 235      | (455/513).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/07/13 11:46 |

## EAST Search History

|     |          |  |   |    |    |                  |
|-----|----------|--|---|----|----|------------------|
| S9  | 109      | S5 with S6   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 11:47 |
| S10 | 24939882 | @rlad < "20031009" or @ad < "20031009"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 11:46 |
| S11 | 92       | S9 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 11:47 |
| S12 | 48       | (analyz\$3 or calculat\$3 or averag\$3 or sum\$4 or determin\$3 or display\$3) near3(receiv\$2 adj2 signal adj2 strength) with ((carrier adj2 interference) or (signal adj2 interference))               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 13:01 |
| S13 | 39       | S12 and S10  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 11:54 |
| S14 | 48       | (collect\$3 or analyz\$3 or calculat\$3 or averag\$3 or sum\$4 or determin\$3 or display\$3) near3(receiv\$2 adj2 signal adj2 strength) with ((carrier adj2 interference) or (signal adj2 interference)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 13:11 |
| S15 | 4618     | (collect\$3 or analyz\$3 or calculat\$3 or averag\$3 or sum\$4 or determin\$3 or display\$3) near3(signal near2 quality)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 14:29 |
| S16 | 27       | S8 and S15   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 13:34 |

## EAST Search History

|     |     |                   |   |    |     |                  |
|-----|-----|-------------------|---|----|-----|------------------|
| S17 | 22  | S16 and S10       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/13 13:34 |
| S18 | 361 | (455/226.4).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 14:32 |
| S19 | 424 | (455/226.2).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 14:32 |
| S20 | 327 | (455/134).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 14:33 |
| S21 | 132 | (455/115.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 14:33 |
| S22 | 107 | (455/115.4).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 14:38 |
| S23 | 188 | (455/161.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/13 14:33 |
| S24 | 50  | S22 AND S10       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/13 14:50 |

## EAST Search History

|     |      |             |   |    |    |                  |
|-----|------|-------------|---|----|----|------------------|
| S25 | 14   | S15 and S18 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 14:50 |
| S27 | 4006 | S15 and S10 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 14:51 |
| S28 | 13   | S25 and S10 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 15:27 |
| S29 | 28   | S15 and S19 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 15:27 |
| S30 | 27   | S29 and S10 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:02 |
| S31 | 22   | S20 and S15 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:02 |
| S32 | 20   | S31 and S10 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:07 |
| S33 | 4    | S21 and S15 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:08 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S34 | 4        | S33 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:08 |
| S35 | 1        | S15 and S22   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:08 |
| S36 | 13       | S15 and S23   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:09 |
| S37 | 12       | S36 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:20 |
| S38 | 107      | signal near2 strength near2 bar   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:20 |
| S39 | 85       | S38 and S10   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/13 16:21 |
| S40 | 24943069 | @riad < "20031009" or @ad < "20031009"                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 11:38 |
| S41 | 5266     | (RSSI or SIR or (signal near2 quality)) near2 (bar or indicator or level) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 11:46 |

## EAST Search History

|     |      |                   |   |    |     |                  |
|-----|------|-------------------|---|----|-----|------------------|
| S42 | 4374 | S41 and S40       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 11:47 |
| S43 | 361  | (455/226.4).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 11:47 |
| S44 | 424  | (455/226.2).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 11:47 |
| S45 | 328  | (455/134).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 11:47 |
| S46 | 132  | (455/115.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 11:47 |
| S47 | 107  | (455/115.4).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 11:47 |
| S48 | 188  | (455/161.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 11:47 |
| S49 | 78   | S44 and S42       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 11:47 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S50 | 2    | ("20030105864").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 15:15 |
| S51 | 2    | ("20030217142").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 15:15 |
| S52 | 2    | ("6885861").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 15:15 |
| S53 | 5266 | (RSSI or SIR or (signal near2<br>quality)) near2 (bar or indicator or<br>level) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 16:28 |
| S54 | 424  | (455/226.2).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 16:28 |
| S56 | 328  | (455/134).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 16:28 |
| S57 | 132  | (455/115.3).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 16:28 |
| S58 | 107  | (455/115.4).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 16:28 |

## EAST Search History

|     |          |   |   |    |     |                  |
|-----|----------|---|---|----|-----|------------------|
| S59 | 188      | (455/161.3).CCLS.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 16:28 |
| S60 | 361      | (455/226.4).CCLS.                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/18 16:28 |
| S61 | 24943069 | @rlad < "20031009" or @ad < "20031009"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 16:29 |
| S62 | 152179   | method near3 display                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 16:30 |
| S63 | 4        | S62 same S53                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 16:30 |
| S64 | 71       | S62 and S53                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 16:30 |
| S65 | 58       | S64 and S61                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 16:51 |
| S66 | 5007658  | calculat\$3 or determin\$3 or analyz\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/18 17:09 |



## EAST Search History

|     |     |   |   |    |    |                  |
|-----|-----|---|---|----|----|------------------|
| S67 | 50  | S65 and S66   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 17:48 |
| S69 | 484 | S53 near3 S66   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 17:48 |
| S70 | 357 | S53 near2 S66   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 17:50 |
| S71 | 297 | S70 and S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 17:53 |
| S72 | 153 | ((collect\$3 or gather3 or sample3 or group\$3) near3 (RSSI or CIR or SIR or (signal near2 quality))) with (time or period or interval)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:08 |
| S73 | 53  | S72 and S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 17:58 |
| S74 | 175 | ((collect\$3 or gather3 or sample3 or group\$3 or compil\$3 or assembl\$3 ) near3 (RSSI or CIR or SIR or (signal near2 quality))) with (time or period or interval) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:51 |
| S75 | 58  | S74 and S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:29 |

## EAST Search History

|     |         |  |   |    |    |                  |
|-----|---------|--|---|----|----|------------------|
| S76 | 53      | S73 and S75  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:29 |
| S77 | 58      | S73 or S75   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:30 |
| S78 | 5       | S73 xor S75  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:30 |
| S80 | 651     | ((predetermin\$2 or fixed or<br>calculate\$2) near2 (number or<br>value or count)) near2 (rssi or sir or<br>cir or (signal near2 quality)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:50 |
| S81 | 477     | S80 and S61  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:50 |
| S82 | 490     | ((predetermin\$2 or fixed ) near2<br>(number or value or count)) near2<br>(rssi or sir or cir or (signal near2<br>quality))                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:50 |
| S83 | 352     | S82 and S61  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:51 |
| S84 | 7060904 | (collect\$3 or gather3 or sample3 or<br>group\$3 or compil\$3 or assembl\$3 )  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:52 |

## EAST Search History

|     |          |   |   |    |    |                  |
|-----|----------|---|---|----|----|------------------|
| S85 | 4        | S84 near3 S82   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:53 |
| S86 | 1        | S85 and S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 10:06 |
| S87 | 12       | S84 with S82  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:53 |
| S88 | 5        | S87 and S61   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/18 18:53 |
| S89 | 4920     | ((signal near2 quality) near3<br>(measur\$5 or calculat\$3 or<br>comput\$3))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 10:09 |
| S90 | 24943069 | @rlad < "20031009" or @ad <<br>"20031009"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 10:08 |
| S91 | 0        | ((signal near2 quality) near3<br>(measur\$5 or calculat\$3 or<br>comput\$3)) near3 (consecutively<br>near3 (collect or gather or<br>assemble or sample))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 10:12 |
| S92 | 0        | ((signal near2 quality) near3<br>(measur\$5 or calculat\$3 or<br>comput\$3)) near3 ((consecutiv\$3 or<br>chronological or sequential or<br>continuous or successive) near3<br>(collect or gather or assemble or<br>sample)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 10:15 |

## EAST Search History

|          |        |   |   |    |     |                  |
|----------|--------|---|---|----|-----|------------------|
| S93      | 34000  | ((consecutive\$3 or chronological or sequential or continuous or successive) near3 (collect or gather or assemble or sample)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 10:16 |
| S94      | 295722 | (rssi or sir or cir or (signal near2 quality))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 10:17 |
| S95      | 20     | S93 near3 S94   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 10:17 |
| S96      | 18     | S95 and S90   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 10:57 |
| S97      | 8308   | (rssi or sir or cir or (signal near2 quality)) near3 (monitor or indicator or display or level)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 10:37 |
| S99      | 3185   | (rssi or sir or cir or (signal near2 quality)) near3 (monitor or process or display)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 11:35 |
| S10<br>0 | 361    | (455/226.4).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 10:57 |
| S10<br>1 | 424    | (455/226.2).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 10:57 |

## EAST Search History

|          |     |                   |   |    |     |                  |
|----------|-----|-------------------|---|----|-----|------------------|
| S10<br>2 | 328 | (455/134).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 10:57 |
| S10<br>3 | 132 | (455/115.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 10:57 |
| S10<br>4 | 107 | (455/115.4).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 10:57 |
| S10<br>5 | 188 | (455/161.3).CCLS. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 10:57 |
| S10<br>6 | 30  | S99 and S101      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 10:57 |
| S10<br>7 | 27  | S106 and S90      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 11:22 |
| S10<br>8 | 13  | S99 and S102      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 11:22 |
| S10<br>9 | 12  | S108 and S90      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 11:26 |

## EAST Search History

|          |         |   |   |    |    |                  |
|----------|---------|---|---|----|----|------------------|
| S11<br>1 | 9122439 | time or period or interval  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 11:25 |
| S11<br>3 | 1192    | (collect or gather or assemble or sample or compile) with ((rssi and (cir or sir)) or (signal near2 quality))                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 11:27 |
| S11<br>4 | 24      | ((collect or gather or assemble or sample or compile) with ((rssi and (cir or sir)) or (signal near2 quality)))) near3 (time or interval or period) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 11:27 |
| S11<br>5 | 22      | S114 and S90  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 11:27 |
| S11<br>8 | 52318   | ((rssi and (sir or cir)) or (signal near2 quality))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:20 |
| S11<br>9 | 84      | S118 and S101   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 11:36 |
| S12<br>0 | 77      | S119 and S90  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:00 |
| S12<br>1 | 2016008 | (store or save or collect or compile or gather)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:04 |

## EAST Search History

|          |     |   |   |    |    |                  |
|----------|-----|---|---|----|----|------------------|
| S12<br>2 | 187 | (store or save or collect or compile or gather) near3 ((rssi and (sir or cir)) or (signal near2 quality)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:05 |
| S12<br>3 | 163 | S122 and S90  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:05 |
| S12<br>4 | 3   | S123 and S101   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:07 |
| S12<br>5 | 3   | S123 and S102   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:09 |
| S12<br>6 | 0   | S123 and S100   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:10 |
| S12<br>7 | 0   | S123 and S103   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:10 |
| S12<br>8 | 0   | S123 and S104   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:10 |
| S12<br>9 | 2   | S123 and S105   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:10 |

## EAST Search History

|          |       |                       |   |    |    |                  |
|----------|-------|-----------------------|---|----|----|------------------|
| S13<br>0 | 45069 | S118 and S90          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:12 |
| S13<br>1 | 77    | S130 and S101         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:12 |
| S13<br>2 | 268   | rssl and (sir or cir) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:03 |
| S13<br>3 | 201   | S132 and S90          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:59 |
| S13<br>4 | 6     | S133 and S101         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:45 |
| S13<br>5 | 2     | S133 and S102         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:53 |
| S13<br>6 | 1     | S133 and S100         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:54 |
| S13<br>7 | 1     | S133 and S103         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:58 |



## EAST Search History

|          |     |                             |   |    |    |                  |
|----------|-----|-----------------------------|---|----|----|------------------|
| S13<br>8 | 1   | S133 and S104               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 12:58 |
| S13<br>9 | 758 | rsi and (sir or cir or snr) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:11 |
| S14<br>0 | 564 | S139 and S90                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:04 |
| S14<br>1 | 2   | S140 and S100               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:05 |
| S14<br>2 | 9   | S140 and S101               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:07 |
| S14<br>3 | 4   | S140 and S102               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:11 |
| S14<br>4 | 1   | S140 and S103               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:11 |
| S14<br>5 | 1   | S140 and S104               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:11 |

## EAST Search History

|          |      |  |   |    |    |                  |
|----------|------|--|---|----|----|------------------|
| S14<br>6 | 982  | rsssi and (sir or cir or snr or c/i or<br>(carrier near2 interference))                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:12 |
| S14<br>7 | 1301 | (rsssi or (received near2 indicator))<br>and (sir or cir or snr or c/i or<br>(carrier near2 interference)) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:13 |
| S14<br>8 | 906  | S147 and S90   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:13 |
| S14<br>9 | 3    | S148 and S100  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:17 |
| S15<br>0 | 11   | S148 and S101  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:20 |
| S15<br>1 | 7    | S148 and S102  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:22 |
| S15<br>2 | 2    | S148 and S103  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:25 |
| S15<br>3 | 1    | S148 and S104  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/19 13:25 |

## EAST Search History

|          |     |   |   |    |     |                  |
|----------|-----|---|---|----|-----|------------------|
| S15<br>4 | 235 | (455/513).CCLS.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 13:26 |
| S15<br>5 | 14  | S148 and S154                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 13:26 |
| S15<br>7 | 2   | ("5640684").PN.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 16:33 |
| S15<br>8 | 2   | ("5802039").PN.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 16:33 |
| S15<br>9 | 2   | ("5539803").PN.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/19 16:33 |
| S16<br>0 | 10  | rssi near2 bar                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 17:10 |
| S16<br>1 | 0   | (rssi and (cir or sir or snr)) near4<br>bar       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 17:10 |
| S16<br>2 | 6   | (rssi and (cir or sir or snr)) near4<br>calculate | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 17:12 |

## EAST Search History

|          |          |   |   |    |     |                  |
|----------|----------|---|---|----|-----|------------------|
| S16<br>3 | 16       | (rssi and (cir or sir or snr)) near4<br>calculat\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/19 17:12 |
| S16<br>4 | 12       | S163 and S90  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/20 11:26 |
| S16<br>5 | 266      | (455/226.3).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/20 11:27 |
| S16<br>6 | 24944195 | @rlad < "20031009" or @ad <<br>"20031009"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/20 11:28 |
| S16<br>7 | 219      | S165 and S166   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/20 11:28 |
| S16<br>8 | 11       | S167 and rssi   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/20 11:28 |
| S16<br>9 | 25       | ("5289526"   "5471671"  <br>"5561673"   "5689439"   "5697056"<br>  "5802039"   "5870666").PN. OR<br>("6035183").URPN.                 | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/07/20 11:49 |
| S17<br>0 | 21       | ("5204878"   "5228054"  <br>"5692015"   "6070086"   "6144860"<br>  "6215827"   "6292519"  <br>"6341224").PN. OR ("6404826").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/07/20 11:57 |

## EAST Search History

|          |          |  |   |    |     |                  |
|----------|----------|--|---|----|-----|------------------|
| S17<br>1 | 16       | ("4744083"   "5138616"  <br>"5201062"   "5214687"   "5630210"<br>  "5809399"   "5950139"  <br>"5991901"   "6035183"   "6141388"<br>  "6167031"   "6173161"  <br>"6243568"   "6363245").PN. OR<br>("6850736").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/07/20 18:21 |
| S17<br>2 | 43       | ((rssi or (signal near2 strength))<br>near3 averag\$3) near5 (sum\$4 or<br>add\$4)   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | ON  | 2006/07/20 18:23 |
| S17<br>3 | 24944195 | @rlad < "20031009" or @ad <<br>"20031009"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/20 18:23 |
| S17<br>4 | 37       | S173 and S172  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:44 |
| S17<br>5 | 2        | ("6035183").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 09:48 |
| S17<br>6 | 6734     | sum near2 average  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:54 |
| S17<br>7 | 0        | (signal near2 srength) near3 (sum<br>adj2 average)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:55 |
| S17<br>8 | 0        | (signal near2 srength) with (sum<br>adj2 average)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:55 |

## EAST Search History

|          |      |   |   |    |     |                  |
|----------|------|---|---|----|-----|------------------|
| S17<br>9 | 0    | (signal near2 srength) same (sum<br>adj2 average) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:56 |
| S18<br>0 | 0    | (signal near2 srength) and (sum<br>adj2 average)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:56 |
| S18<br>1 | 4165 | (sum adj2 average)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 09:56 |
| S18<br>2 | 294  | signal near3 (sum adj2 average)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 10:16 |
| S18<br>3 | 9    | interference near3 (sum adj2<br>average)          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 10:18 |
| S18<br>4 | 2    | ("6035183").PN.                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 10:19 |
| S18<br>5 | 2    | ("20030096612").PN.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 10:32 |
| S18<br>6 | 2    | ("20060013179").PN.                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 10:33 |

## EAST Search History

|          |          |  |   |    |     |                  |
|----------|----------|--|---|----|-----|------------------|
| S18<br>7 | 2        | ("20040053592").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 10:38 |
| S18<br>8 | 2        | ("20040038650").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 10:40 |
| S18<br>9 | 2        | ("20040053592").PN.                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/21 12:42 |
| S19<br>0 | 325      | rssi near3 stor\$4                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 12:43 |
| S19<br>1 | 24944195 | @rlad < "20031009" or @ad < "20031009" | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 12:43 |
| S19<br>2 | 325      | rssi near3 stor\$3                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 12:43 |
| S19<br>3 | 258      | rssi near2 stor\$3                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 12:45 |
| S19<br>4 | 215      | S193 and S191                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/07/21 12:44 |

## EAST Search History

|          |    |  |   |    |    |                  |
|----------|----|--|---|----|----|------------------|
| S19<br>5 | 0  | (S182 adj2 rssi) near2 (stor\$3<br>near2 time)                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 12:46 |
| S19<br>6 | 0  | (S182 near2 rssi) near2 (stor\$3<br>near2 time)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 12:47 |
| S19<br>7 | 15 | rssi near2 (stor\$3 near2 time)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 12:47 |
| S19<br>8 | 12 | S197 and S191  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 15:23 |
| S19<br>9 | 0  | (S182 near2 signal near2 strength)<br>and (S182 near2 interference)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 15:25 |
| S20<br>0 | 0  | (S182 near2 signal near2 strength)<br>and (S182 near2 interference)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 15:25 |
| S20<br>1 | 0  | (S182 near2 (signal near2<br>strength)) and (S182 near2<br>interference) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 15:26 |
| S20<br>2 | 0  | (S182 near2 rssi) and (S182 near2<br>interference)                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 16:48 |



## EAST Search History

|          |          |  |   |    |    |                  |
|----------|----------|--|---|----|----|------------------|
| S20<br>3 | 15       | exclude near2 (maximum and minimum)                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 17:33 |
| S20<br>4 | 8        | S203 and S191  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 16:49 |
| S20<br>5 | 24944195 | @rlad < "20031009" or @ad < "20031009"                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 17:34 |
| S20<br>6 | 15       | exclude near2 (max\$4 and mini\$4)                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 17:35 |
| S20<br>7 | 8        | S206 and S205  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 17:35 |
| S20<br>8 | 55       | (exclude or omit or remove or ignore) near2 (max\$4 and mini\$4) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 17:37 |
| S20<br>9 | 36       | S208 and S205  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/07/21 17:37 |